

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 12813  
Application ID: 09682923  
Title of Invention: POLY(ARYLENE ETHER)-POLYOLEFIN  
COMPOSITIONS AND ARTICLES  
DERIVED THEREFROM  
First Named Inventor: Adeyinka Adedeji  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-11-01  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 08CN06028-2  
Digital Certificate Holder: cn=John Buchanan, ou=Registered Attorneys, ou=Patent and Trademark  
Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: Nxcid21bGxeqnLxe0hrylQ==  
Total Fees Authorized: \$1152.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 70862  
Deposit Account Name: J. Michael Buchanan



# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number:



08CN06028-2

## POLY(ARYLENE ETHER)-POLYOLEFIN COMPOSITIONS AND ARTICLES DERIVED THEREFROM

First Named Inventor: Adeyinka Adedeji



### SUBMITTED BY

Name:

Dr. J. Michael Buchanan

Registration Number:

44,571

Electronic Signature Mark: jmb

Date Signed: 20011101

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### Attached Files:

|                   |                     |
|-------------------|---------------------|
| bibd-transmittal  | Epaveapds.xml       |
| fee-transmittal   | Epavefee.xml        |
| specification     | 08CN06028-2.APP.xml |
| declaration       | Declaration_1.tif   |
| declaration       | Declaration_2.tif   |
| declaration       | Declaration_3.tif   |
| declaration       | Declaration_4.tif   |
| patent-assignment | Epaveasgn.xml       |

**Attached Image File(s):**

Declaration\_1.tif

Declaration\_2.tif

Declaration\_3.tif

Declaration\_4.tif

| Variable                            | Mean | SD   | Min | Max |
|-------------------------------------|------|------|-----|-----|
| Age                                 | 34.5 | 10.2 | 21  | 55  |
| Gender                              | 0.5  | 0.5  | 0   | 1   |
| Marital status                      | 0.6  | 0.5  | 0   | 1   |
| Education                           | 12.5 | 1.5  | 9   | 16  |
| Income                              | 15.2 | 5.8  | 10  | 25  |
| Health status                       | 0.7  | 0.4  | 0   | 1   |
| Stress level                        | 3.2  | 1.1  | 1   | 5   |
| Life satisfaction                   | 4.1  | 0.8  | 3   | 5   |
| Work engagement                     | 3.8  | 0.9  | 2   | 5   |
| Organizational commitment           | 4.2  | 0.7  | 3   | 5   |
| Job satisfaction                    | 4.0  | 0.8  | 3   | 5   |
| Turnover intention                  | 1.5  | 0.6  | 1   | 3   |
| Organizational citizenship behavior | 3.5  | 0.9  | 2   | 5   |
| Employee well-being                 | 3.9  | 0.8  | 2   | 5   |
| Work-life balance                   | 3.7  | 0.9  | 2   | 5   |
| Job design                          | 3.6  | 0.8  | 2   | 5   |
| Supervisor support                  | 4.1  | 0.7  | 3   | 5   |
| Peer support                        | 4.0  | 0.8  | 3   | 5   |
| Organizational support              | 4.2  | 0.7  | 3   | 5   |
| Job security                        | 4.3  | 0.6  | 3   | 5   |
| Compensation                        | 4.1  | 0.7  | 3   | 5   |
| Benefits                            | 4.2  | 0.7  | 3   | 5   |
| Work environment                    | 4.0  | 0.8  | 3   | 5   |
| Job autonomy                        | 4.1  | 0.7  | 3   | 5   |
| Job variety                         | 4.0  | 0.8  | 3   | 5   |
| Job challenge                       | 4.1  | 0.7  | 3   | 5   |
| Job responsibility                  | 4.2  | 0.7  | 3   | 5   |
| Job feedback                        | 4.1  | 0.7  | 3   | 5   |
| Job growth                          | 4.0  | 0.8  | 3   | 5   |
| Job learning                        | 4.1  | 0.7  | 3   | 5   |
| Job development                     | 4.2  | 0.7  | 3   | 5   |
| Job advancement                     | 4.1  | 0.7  | 3   | 5   |
| Job promotion                       | 4.2  | 0.7  | 3   | 5   |
| Job recognition                     | 4.1  | 0.7  | 3   | 5   |
| Job appreciation                    | 4.2  | 0.7  | 3   | 5   |
| Job respect                         | 4.1  | 0.7  | 3   | 5   |
| Job dignity                         | 4.2  | 0.7  | 3   | 5   |
| Job honor                           | 4.1  | 0.7  | 3   | 5   |
| Job prestige                        | 4.2  | 0.7  | 3   | 5   |
| Job status                          | 4.1  | 0.7  | 3   | 5   |
| Job reputation                      | 4.2  | 0.7  | 3   | 5   |
| Job image                           | 4.1  | 0.7  | 3   | 5   |
| Job brand                           | 4.2  | 0.7  | 3   | 5   |
| Job identity                        | 4.1  | 0.7  | 3   | 5   |
| Job culture                         | 4.2  | 0.7  | 3   | 5   |
| Job values                          | 4.1  | 0.7  | 3   | 5   |
| Job beliefs                         | 4.2  | 0.7  | 3   | 5   |
| Job attitudes                       | 4.1  | 0.7  | 3   | 5   |
| Job opinions                        | 4.2  | 0.7  | 3   | 5   |
| Job preferences                     | 4.1  | 0.7  | 3   | 5   |
| Job choices                         | 4.2  | 0.7  | 3   | 5   |
| Job decisions                       | 4.1  | 0.7  | 3   | 5   |
| Job actions                         | 4.2  | 0.7  | 3   | 5   |
| Job behaviors                       | 4.1  | 0.7  | 3   | 5   |
| Job habits                          | 4.2  | 0.7  | 3   | 5   |
| Job routines                        | 4.1  | 0.7  | 3   | 5   |
| Job patterns                        | 4.2  | 0.7  | 3   | 5   |
| Job trends                          | 4.1  | 0.7  | 3   | 5   |
| Job movements                       | 4.2  | 0.7  | 3   | 5   |
| Job changes                         | 4.1  | 0.7  | 3   | 5   |
| Job developments                    | 4.2  | 0.7  | 3   | 5   |
| Job evolutions                      | 4.1  | 0.7  | 3   | 5   |
| Job revolutions                     | 4.2  | 0.7  | 3   | 5   |
| Job transformations                 | 4.1  | 0.7  | 3   | 5   |
| Job conversions                     | 4.2  | 0.7  | 3   | 5   |
| Job adaptations                     | 4.1  | 0.7  | 3   | 5   |
| Job adjustments                     | 4.2  | 0.7  | 3   | 5   |
| Job modifications                   | 4.1  | 0.7  | 3   | 5   |
| Job alterations                     | 4.2  | 0.7  | 3   | 5   |
| Job improvements                    | 4.1  | 0.7  | 3   | 5   |
| Job enhancements                    | 4.2  | 0.7  | 3   | 5   |
| Job upgrades                        | 4.1  | 0.7  | 3   | 5   |
| Job updates                         | 4.2  | 0.7  | 3   | 5   |
| Job revisions                       | 4.1  | 0.7  | 3   | 5   |
| Job corrections                     | 4.2  | 0.7  | 3   | 5   |
| Job fixes                           | 4.1  | 0.7  | 3   | 5   |
| Job repairs                         | 4.2  | 0.7  | 3   | 5   |
| Job replacements                    | 4.1  | 0.7  | 3   | 5   |
| Job substitutions                   | 4.2  | 0.7  | 3   | 5   |
| Job exchanges                       | 4.1  | 0.7  | 3   | 5   |
| Job transfers                       | 4.2  | 0.7  | 3   | 5   |
| Job movements                       | 4.1  | 0.7  | 3   | 5   |
| Job migrations                      | 4.2  | 0.7  | 3   | 5   |
| Job relocations                     | 4.1  | 0.7  | 3   | 5   |
| Job translocations                  | 4.2  | 0.7  | 3   | 5   |
| Job relocations                     | 4.1  | 0.7  |     |     |

**Comments:**

|   | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 |
|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 |
| 2 | 2 | 4  | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40  | 42  | 44  | 46  | 48  | 50  | 52  | 54  | 56  | 58  | 60  | 62  | 64  | 66  | 68  | 70  | 72  | 74  | 76  | 78  | 80  | 82  | 84  | 86  | 88  | 90  | 92  | 94  | 96  | 98  | 100 | 102 | 104 | 106 | 108 | 110 | 112 | 114 | 116 | 118 | 120 | 122 | 124 | 126 | 128 | 130 | 132 | 134 | 136 | 138 | 140 | 142 | 144 | 146 | 148 | 150 | 152 | 154 | 156 | 158 | 160 | 162 | 164 | 166 | 168 | 170 | 172 | 174 | 176 | 178 | 180 | 182 | 184 | 186 | 188 | 190 | 192 | 194 | 196 | 198 | 200 |
| 3 | 3 | 6  | 9  | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60  | 63  | 66  | 69  | 72  | 75  | 78  | 81  | 84  | 87  | 90  | 93  | 96  | 99  | 102 | 105 | 108 | 111 | 114 | 117 | 120 | 123 | 126 | 129 | 132 | 135 | 138 | 141 | 144 | 147 | 150 | 153 | 156 | 159 | 162 | 165 | 168 | 171 | 174 | 177 | 180 | 183 | 186 | 189 | 192 | 195 | 198 | 201 | 204 | 207 | 210 | 213 | 216 | 219 | 222 | 225 | 228 | 231 | 234 | 237 | 240 | 243 | 246 | 249 | 252 | 255 | 258 | 261 | 264 | 267 | 270 | 273 | 276 | 279 | 282 | 285 | 288 | 291 | 294 | 297 | 300 |
| 4 | 4 | 8  | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 | 52 | 56 | 60 | 64 | 68 | 72 | 76 | 80  | 84  | 88  | 92  | 96  | 100 | 104 | 108 | 112 | 116 | 120 | 124 | 128 | 132 | 136 | 140 | 144 | 148 | 152 | 156 | 160 | 164 | 168 | 172 | 176 | 180 | 184 | 188 | 192 | 196 | 200 | 204 | 208 | 212 | 216 | 220 | 224 | 228 | 232 | 236 | 240 | 244 | 248 | 252 | 256 | 260 | 264 | 268 | 272 | 276 | 280 | 284 | 288 | 292 | 296 | 300 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 | 285 | 290 | 295 | 300 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 6  |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

**COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original inventor (if plural names are listed below) of the subject matter which is claimed and for which I have sought on the invention entitled: POLY(ARYLENE ETHER)-POLYOLEFIN COMPOSITE ARTICLES DERIVED THEREFROM, the specification of which:

X is attached hereto.  
\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification and the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which affects patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States patent application listed below and, insofar as the subject matter of each of the claims of this application is not claimed in any prior United States application in the matter provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, C.F.R. Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the PCT international filing date of this application:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented, pending, etc.)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number

60/258,839

Filing Date

12/28/2000

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designated in one country other than the United States of America listed below and have also identified below any other application(s) for patent or inventor's certificate or any PCT international application(s) designated in one or more countries other than the United States of America listed below:

I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. No. 36,3  
Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,951, Frar  
Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA 01201  
Myrick, Reg. No. 26,315 of General Electric Company, (W3E) 3135 Easton Turnpike, Fairfield  
0001, and Henry J. Policinski, Reg. No. 26,621 of General Electric Company, (W3D) 3135 East  
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David A. Fox, Reg. No. 38,807 of Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 0  
and each of them severally, my attorneys or agents and attorney or agent, with full power of  
delegation and revocation, to prosecute this application, to make alterations and amendments ther  
the patent and to transact all business in the Patent and Trademark Office connected therewith. I  
that all correspondence and telephone calls in connection with this application be addressed to the s

**CUSTOMER NUMBER 23413**  
**CANTOR COLBURN LLP**  
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Bloomfield, CT 06002, USA  
(860) 286-2929

I hereby declare that all statements made herein of my own knowledge are true and that all statements  
information and belief are believed to be true; and further statements were made with the knowledge  
false statements and the like so made are punishable by fine or imprisonment, or both, under Sec  
Title 18 of the United States Code and that all such willful false statements may jeopardize the va  
application or any patent issued thereon.

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Inventor's signature

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08CN06028-2 GP2-0187

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10/25/01



# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1152**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0862



Deposit Account Name: General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: J. Michael Buchanan

Electronic Signature Mark: jmb

Date Signed: 20011101

## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 740   |

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 36      | 103      | \$ 18 | 16           | \$ 288   |
| Independent Claims: 4 | 102      | \$ 84 | 1            | \$ 84    |

Subtotal For Extra Claims Fees: \$ 372

## ADDITIONAL FEES

|   |     |       |
|---|-----|-------|
| Recording Each Patent Assignment Per Property Fee | 581 | \$ 40 |
|---|-----|-------|

Subtotal For Additional Fees: \$ 40

APP ID=09682923